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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/706,996	11/14/2003	Hsin-Mao Hsieh	BHT-3183-59	7364
7590 08/08/2005			EXAMINER	
TROXELL LAW OFFICE PLLC			PAYNE, SHARON E	
SUITE 1404			ART UNIT	
5205 LEESBURG PIKE			PAPER NUMBER	
FALLS CHURCH, VA 22041			2875	

DATE MAILED: 08/08/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/706,996

Applicant(s)

HSIEH, HSIN-MAO

Examiner

Sharon E. Payne

Art Unit

2875

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 16 May 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 10-14 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 10-14 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

## **DETAILED ACTION**

### ***Specification***

1. The substitute specification filed 16 May 2005 has not been entered because it does not conform to 37 CFR 1.125(b) and (c) because: the new abstract does not have a marked-up version submitted with it.

### ***Claim Rejections - 35 USC § 103***

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 10-14 are rejected under 35 U.S.C. 103(a) as being unpatentable over JP 63284707 (hereinafter "Kazuhiro et al.") in view of Aron (U.S. Patent 3,054,245).

Regarding claim 10, Kazuhiro et al. discloses a lamp body (Figs. 1 and 3) having a lamp base (Figs. 1 and 3, bottom), a lamp arm (Figs. 1 and 3, middle) and a lampshade (Figs. 1 and 3, top), an air purifier (reference number 5) having an air outlet plane located on an interior wall of the lamp base (Fig. 1, bottom, see portion having an arrow) and a fan (reference number 11) connected to the air purifier (Fig. 6b) wherein the air purifier (reference number 5) and fan (reference number 11) are connected to the interior wall of the lamp base (Fig. 6b). Kazuhiro et al. does not specifically disclose a negative ion generator.

Aron discloses a negative ion generator (reference number 16).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to substitute the air purifier of Kazuhiro et al. for the negative ion generator of Aron "to provide an electrode system permitting relatively unimpeded passage of air past this electrode system . . . ." to enhance the efficiency of the system. See column 1, lines 55-58, of Aron.

Concerning claim 11, Kazuhiro et al. discloses the fan (reference number 11) having a plurality of connecting portions connecting the fan to the lamp base through the purifier (Figs. 6a and 6b). (Aron discloses the negative ion generator for the reasons disclosed in the analysis of claim 10.)

Regarding claim 12, Kazuhiro et al. does not disclose the negative ion generator. Aron discloses the negative ion generator (reference number 16) having a plurality of connecting portions located on opposing sides of the air outlet plane (Fig. 1, see arrow 19).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to substitute the air purifier of Kazuhiro et al. for the negative ion generator of Aron "to provide an electrode system permitting relatively unimpeded passage of air past this electrode system . . . ." to enhance the efficiency of the system. See column 1, lines 55-58, of Aron.

Concerning claim 13, Kazuhiro et al. discloses the air outlet plane being connected to the interior wall of the lamp base (Figs. 1 and 3, see portion with an arrow). (The air has to come out of the lamp base for the apparatus to function properly.)

Regarding claim 14, Kazuhiro et al. discloses the lampshade defining a light region and an air outlet plane positioned toward the light region (Figs. 1 and 3, see portion with the arrow). Kazuhiro et al. and Aron do not specifically disclose the air outlet plane being located on an interior of a top of the lamp base.

Putting the air outlet plane on an interior of a top of the lamp base is considered to be an obvious rearrangement of parts. Since the air outlet plane is well known in the art, it would have been obvious to one of ordinary skill in the art at the time the invention was made to put the air outlet region on the top of the base to direct more purified air to the user of the apparatus. See M.P.E.P. 2144.04.

### ***Response to Arguments***

3. Applicant's arguments with respect to claims 10-14 have been considered but are moot in view of the new ground(s) of rejection.

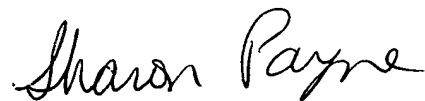
### ***Conclusion***

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sharon E. Payne whose telephone number is (571) 272-2379. The examiner can normally be reached on regular business hours.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Sandra O'Shea can be reached on (571) 272-2378. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

5. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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